| Ind | ex of | Claims |  |
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| Application/ | Control No. |
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10/766,613

**ROBERTSON ET AL.** 

0

Examiner

Art Unit

Applicant(s)/Patent under Reexamination

Tuan A. Vu

2193

| <b>√</b> | Rejected |
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| 11       | Allowed  |

(Through numeral) Cancelled

Non-Elected

**Appeal** 

Objected

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| im      |     | <br>Date | = | _ |  |  | ) | Cla | aim |  |
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| Cla  | im       | Date     |          |      | Claim Date |          |          |          |          |                   |          |          | ]  | Cla      | aim      | Date     |          |                    |              |               |     |          |            |          |                 |          |          |          |   |           |           |          |
|--|----------|----------|----------|------|------------|----------|----------|----------|----------|-------------------|----------|----------|--|----------|----------|----------|----------|--------------------|--------------|---------------|-----|----------|------------|----------|-----------------|----------|----------|----------|---|-----------|-----------|----------|
|  |          |          |          |      |            |          |          |          | $\Box$   | $\neg$            |          |          |  | П        |          | П        | П        | Т                  | Т            |               | 1   |          | -          |          |                 | I        |          |          |   | П         |           |          |
| ā  | ina      | 8        |          |      |            |          |          |          |          |                   | Final    | ≝        | 1  |          |          | - 1      |          | -                  |              |               |     | Final    | ij         |          |                 |          |          |          |   |           | ĺ         | l        |
| Final  | Original | 2/2/08   |          |      |            |          |          |          |          |                   | l iÈ     | Original | 1  |          |          | ı        |          | -                  |              |               |     | ιΞ       | Original   |          |                 |          |          |          |   | .         |           |          |
|  | 0        |          |          |      |            |          |          |          |          |                   |          | ١٠       |  |          |          |          |          |                    |              |               | ╛   |          |            |          |                 |          |          |          | • |           |           | $\sqcup$ |
|  | 1        | 1        |          |      |            |          |          |          |          |                   |          | 51       |  |          |          |          |          |                    |              |               | ]   |          | 101        |          |                 |          |          |          |   |           |           |          |
|  | 2        | 1        |          |      |            |          |          |          |          |                   |          | 52       |  |          |          |          |          |                    |              |               |     |          | 102        |          |                 |          |          |          |   |           |           |          |
|  | 3        | 1        |          |      |            |          |          |          |          |                   |          | 53       |  |          |          |          |          |                    |              |               |     |          | 103        |          |                 |          |          |          |   |           | ļ         | ╝        |
|  | 4        | 1        |          |      |            |          |          |          |          |                   |          | 54       |  |          |          |          |          |                    | $\perp$      | $\perp$       | _   |          | 104        |          |                 |          |          |          |   |           |           | _        |
|  | 5        | V        |          |      |            |          |          |          |          | _                 |          | 55       | Ш.   |          | _        |          | _        | _                  | $\perp$      |               | 4   |          | 105        |          |                 |          | _        | _        |   | $\Box$    |           | _        |
|  | 6        | 1        |          |      |            |          |          |          |          | _                 |          | 56       | ļ  | Ш        |          | _        | _        | _                  | $\perp$      |               | ╛   |          | 106        |          | $\sqcup$        | _        | _        | _        |   | $\square$ | _         | $\dashv$ |
|  | 7        | 1        |          |      |            |          |          |          | _        | _                 | ļ        | 57       | <u> </u>                                   |          | _        | _        | 4        | _                  | 4            |               | 4   |          | 107        | _        |                 | _        | _        | _        |   |           | _         | _        |
|  | 8        | 1        |          |      |            |          |          |          |          | _                 | <u> </u> | 58       |  |          | _        | _        | _        | _                  | _            | _             | 4   | <u> </u> | 108        | _        | $\square$       |          | _        | _        | _ |           | _         |          |
|  | 9        | 1        |          |      |            |          |          |          |          | _                 | ļ        | 59       |  |          | _        | 4        | -        | _                  | 4            | $\perp$       | 4   | <u> </u> | 109        |          | $\vdash \vdash$ |          | _        | _        | _ | $\dashv$  |           |          |
|  | 10       | 1        |          |      |            |          |          |          | _        | _                 | [        | 60       | 1  |          |          |          | -        | _                  | _            |               | 4   | <u> </u> | 110        |          | $\sqcup$        | -        | $\dashv$ |          |   | $\dashv$  |           | _        |
|  | 11       | 1        |          |      |            |          |          | _        | _        | _                 | <u> </u> | 61       | 1  |          | _        | _        | $\dashv$ | $\dashv$           | 4            | - -           | 4   | <u> </u> | 111        |          | $\vdash \vdash$ | _        | _        | _        | _ | $\dashv$  | $\dashv$  | _        |
|  | 12       | 1        |          |      |            |          |          |          |          | _                 | <u> </u> | 62       | ╄  |          |          |          | _        | _                  |              |               | -   |          | 112        | Ľ        | $\vdash \vdash$ |          | -        | _        |   | -         | $\dashv$  |          |
|  | 13       | 1        |          |      |            |          |          |          |          | 4                 | ļ        | 63       | 1  | $\sqcup$ | $\dashv$ | $\dashv$ | -        | -                  | -+           | -             | 4   | <u> </u> | 113        |          |                 | $\dashv$ |          | -        | _ | $\vdash$  | _         |          |
|  | 14       | 1        |          |      |            |          | _        |          |          | 4                 | <u> </u> | 64       | ┼  |          | -        | $\dashv$ | $\dashv$ | -                  | +            | _             | -   | <u> </u> | 114        | _        |                 | $\dashv$ | -        | $\dashv$ | _ | $\vdash$  | $\dashv$  |          |
|  | 15       | -        |          |      |            |          |          |          |          | 4                 | -        | 65       | -  |          | $\dashv$ | $\dashv$ | $\dashv$ | -                  |              |               | ┨   | <u> </u> | 115        |          | -               |          |          |          |   | $\vdash$  | $\dashv$  |          |
|  | 16       | •        | -        |      |            |          |          | -        | $\dashv$ | 4                 | ļ        | 66       | +  | $\vdash$ |          |          |          | +                  | _            | +             | ╣   |          | 116<br>117 | H        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | - | $\dashv$  | $\dashv$  |          |
|  | 17       | -        | -        |      |            |          |          | $\vdash$ | -        | _                 | <b> </b> | 67       | ┿  |          |          |          | +        | +                  | +            | +             | -   |          | 118        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |   | $\vdash$  | -         | $\dashv$ |
|  | 18       | 1        |          |      |            |          |          |          | _        |                   |          | 68       | +  | $\vdash$ |          |          | -+       | +                  | -            | +             | -   |          | 119        | H        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | _ | $\vdash$  | _         |          |
|  | 19       |          |          |      |            |          |          |          | _        | -                 |          | 69<br>70 | +  | $\vdash$ | -        | -        | -+       | -                  | +            | +             | -   | <u> </u> | 120        | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ |   | $\vdash$  | _         | $\dashv$ |
|  | 20       | Н        |          |      |            |          |          | Н        | -        | $\dashv$          |          |          | +  | $\vdash$ | $\dashv$ | $\dashv$ | _        |                    | +            | +             | 4   |          | 121        |          | -               | $\dashv$ | -        | $\dashv$ | _ | $\vdash$  | _         | ᅴ        |
|  | 21       | Н        |          |      |            | <u> </u> |          | Н        | -        | $\dashv$          | -        | 71<br>72 | +  |          |          | -        | $\dashv$ | +                  | $\dashv$     | +             | -   |          | 122        |          | H               | $\dashv$ |          |          | _ | $\vdash$  |           | $\dashv$ |
| ļ  | 22       | Н        |          |      |            | $\vdash$ | H        |          | $\dashv$ | $\dashv$          | <u> </u> | 73       | +  | Н        | _        | +        |          | -                  | +            | +             | -   | <u> </u> | 123        | _        | ╂─┼             | $\dashv$ | -        | -        | - | $\vdash$  | $\dashv$  | 닉        |
| <u> </u>   | 23       | Н        | $\vdash$ |      |            | -        | -        | -        | -        |                   | -        | 74       | +  | $\vdash$ |          |          | -        | +                  | $\dashv$     | +             | -   | <u> </u> | 124        |          | $\vdash$        | $\dashv$ | -        |          | _ | $\vdash$  | _         | ᅱ        |
| <del></del>                                      | 24<br>25 | Н        | $\vdash$ |      |            | H        | -        |          | $\dashv$ | $\dashv$          | -        | 75       | +  | $\vdash$ |          |          |          | -+                 | +            | +             | -   | -        | 125        |          | $\vdash$        | $\dashv$ | -        | $\dashv$ |   | $\vdash$  | -         | $\dashv$ |
|  | 26       | Н        | $\vdash$ |      | -          | $\vdash$ |          |          | $\dashv$ | -                 | -        | 76       | +-   |          | +        | _        | +        | $\dashv$           | $\dashv$     |               | ┥   | -        | 126        | -        | $\vdash$        | -        | _        |          |   |           | -         | $\dashv$ |
|  | 27       |          | -        | _    | -          | ├        | $\vdash$ | _        |          |                   | $\vdash$ | 77       | +  | -        |          |          |          |                    | +            | +             | -   |          | 127        |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |   | -         | -         |          |
|  | 28       | $\vdash$ | -        |      | -          | $\vdash$ | $\vdash$ |          | $\dashv$ | -                 | -        | 78       | +-   | ├        | -        |          | $\dashv$ | +                  | $\dashv$     | +             | -   | -        | 128        |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |   | -         | -         |          |
| <u> </u>   | 29       | $\vdash$ |          |      | -          |          | $\vdash$ |          | -        | -                 | <u> </u> | 79       | +  |          | +        |          | +        | +                  |              | +-            | ┪   |          | 129        |          | H               | -        |          | _        |   |           | $\exists$ | $\vdash$ |
| <del> </del>                                     | 30       | -        |          |      | $\vdash$   | $\vdash$ | $\vdash$ | -        |          |                   | <u> </u> | 80       | +  | H        | -        | $\dashv$ | 1        | +                  | -            |               | ┨ . |          | 130        | ┢        | $\vdash$        | -        |          |          | - |           | _         | $\dashv$ |
| $\vdash$   | 31       |          | -        |      | -          |          |          |          | -        |                   | _        | 81       |  |          | $\dashv$ | _        | $\dashv$ | $\dashv$           | ╅            |               | ┪   |          | 131        |          |                 | $\dashv$ |          |          |   |           |           |          |
|  | 32       |          | H        |      | $\vdash$   | -        |          | H        | $\dashv$ |                   |          | 82       | +  | $\vdash$ |          | _        | $\dashv$ | $\dashv$           | $\dashv$     |               | 7   |          | 132        |          | Н               |          |          |          |   | $\Box$    | _         |          |
| <del> </del>                                     | 33       |          | H        |      |            | -        |          |          |          |                   |          | 83       | _  | H        | T        |          | $\dashv$ | $\dashv$           | +            |               | 7   |          | 133        |          |                 | _        |          | _        |   |           |           |          |
|  | 34       |          | _        |      | -          |          | $\vdash$ |          |          | -                 | <b>—</b> | 84       | 1  | $\vdash$ | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$           | ╅            |               | 7   |          | 134        |          | $\Box$          | $\neg$   | $\neg$   |          |   | 口         |           |          |
| <del>                                     </del> | 35       |          | H        |      | H          |          |          | П        |          | $\dashv$          |          | 85       | 1  | П        | T        |          | $\dashv$ | $\neg$             | $\dashv$     | 1             | 1   | <u> </u> | 135        |          | П               |          |          |          | _ | $\Box$    | _         |          |
|  | 36       |          | П        |      | $\vdash$   | П        | Г        | П        | $\dashv$ |                   |          | 86       |  | П        | 一        | T        | $\dashv$ | $\dashv$           | $\dashv$     | $\neg \vdash$ | 1   |          | 136        | Г        | П               |          |          |          |   | $\sqcap$  |           |          |
|  | 37       |          | П        |      | Г          |          |          | П        |          | $\neg$            |          | 87       |  | П        |          | T        | $\dashv$ | $\neg$             | $\dashv$     |               | 1   |          | 137        |          |                 |          |          |          |   |           |           |          |
|  | 38       | 1        | П        |      | П          | Π        |          | П        |          | $\neg$            |          | 88       | 1  | П        |          | 一        | $\neg$   | $\neg$             | $\top$       |               | 7   |          | 138        |          |                 |          |          |          |   |           |           |          |
| $\overline{}$                                    | 39       |          | П        |      |            | П        |          | П        |          | $\neg$            |          | 89       |  |          | T        |          |          |                    | T            |               |     |          | 139        |          |                 |          |          |          |   |           |           |          |
|  | 40       |          | П        |      | Г          | $\Box$   |          | П        |          |                   |          | 90       |  |          | $\Box$   | $\Box$   | $\Box$   |                    | $\Box$       |               |     |          | 140        |          |                 |          |          |          |   |           |           |          |
|  | 41       |          | П        |      |            |          |          |          |          |                   |          | 91       |  |          |          | $\Box$   | J        |                    |              |               | ]   |          | 141        |          |                 |          |          |          |   |           |           |          |
|  | 42       | T        | $\Box$   |      | П          | Π        |          | П        |          |                   |          | 92       |  |          |          |          |          |                    |              |               | ]   |          | 142        |          |                 |          |          |          |   |           |           |          |
|  | 43       |          |          |      |            |          |          |          |          |                   |          | 93       | 1  |          |          |          | $\Box$   |                    |              | $\Box \Box$   |     |          | 143        |          |                 |          |          |          |   |           |           |          |
|  | 44       |          |          |      |            |          |          |          |          |                   |          | 94       | Т  |          |          |          |          | $\Box$             | $oxed{\int}$ |               |     |          | 144        |          |                 |          |          |          |   |           |           |          |
|  | 45       |          |          |      |            |          |          |          |          |                   |          | 95       |  |          |          | $\Box$   |          | $\Box$             |              |               |     |          | 145        |          |                 |          |          |          |   |           |           |          |
|  | 46       |          |          |      |            |          |          |          |          |                   |          | 96       | $oxedsymbol{oxedsymbol{oxedsymbol{oxed}}}$ | $\Box$   |          |          |          | $oldsymbol{\perp}$ | $\Box$       |               | ╛   |          | 146        |          | Ш               |          |          |          |   | Ш         |           |          |
|  | 47       |          |          |      |            |          |          |          |          |                   |          | 97       | <u> </u>                                   |          | $\perp$  | $\perp$  | [        | [                  |              |               | _   |          | 147        | _        | Ш               |          |          |          |   |           |           |          |
|  | 48       |          |          |      |            |          |          |          |          |                   |          | 98       |  | Ш        |          |          | _        | _                  | $\perp$      |               | _   |          | 148        |          | Ш               |          |          |          |   | Ш         |           | Ш        |
|  | 49       | oxdot    | Ш        |      |            |          |          |          |          | _                 |          | 99       | $\perp$                                    | $\sqcup$ |          | _        | _        | $\perp$            |              | $\perp$       | 4   |          | 149        |          | Ш               | _        |          |          |   | Ш         |           | Ш        |
|  | 50       | L_       | L        | L.,_ | L_         |          |          |          |          | $oldsymbol{\bot}$ | L        | 100      | )  |          |          |          | $\perp$  | L                  |              |               | _   |          | 150        | l        | Ш               |          |          |          |   | Ш         |           | لـــا    |